

- 14. The insulin derivative of claim 1, wherein said blood component is a blood protein.
- 15. The insulin derivative of claim 14, wherein said blood protein is serum albumin.
- 16. An insulin conjugate comprising an insulin derivative according to any one of claims 1 to 15 and a blood component, wherein the reactive group and the blood component are conjugated through a covalent bond formed between said reactive group and said blood component.
- 17. The insulin conjugate of claim 16, wherein the blood component is a blood protein.
- 18. The insulin conjugate of claim 17, wherein the blood protein is serum albumin.
- 19. The insulin conjugate of claim 16, wherein said conjugate was formed existivo.
- 20. The insulin conjugate of claim 19, wherein said blood component is recombinant albumin.
- 21. A pharmaceutical composition comprising the insulin derivative of any one of claims 1 to 15 in association with a pharmaceutically acceptable carrier.
- 22. A pharmaceutical composition comprising the insulin conjugate of any one of claims 16 to 20 in association with a pharmaceutically acceptable carrier.
- 23. A method for treating a glycaemic-related disease or disorder in a subject suffering from said glycaemic-related disease or disorder, comprising administering the insulin derivative of any one of claims 1 to 15 to said subject.

- 24. The method according to claim 23, wherein said glycaemic-related disease is selected from the group consisting of diabetes of type I, diabetes of type II, gestational diabetes, cystic fibrosis, polycystic ovary syndrome and pancreatitis.
- 25. The method according to claim 23, wherein the glycaemic-related disease is selected from the group consisting of diabetes of type I and diabetes of type II.
- 26. A method for treating a glycaemic related disease or disorder, comprising the administration of the insulin conjugate of any one of claims 16 to 20.
- 27. The method according to claim 26, wherein said glycaemic-related disease is selected from the group consisting of diabetes of type I, diabetes of type II, gestational diabetes, cystic fibrosis, polycystic ovary syndrome and pancreatitis.
- 28. The method according to claim 26, wherein the glycaemic-related disease is selected from the group consisting of diabetes of type I and diabetes of type II.
- 29. A method for treating a glycaemic-related disease or disorder, comprising the administration of the pharmaceutical composition of any one of claims 21 and 22.
- 30. The method according to claim 29, wherein said glycaemic-related disease is selected from the group consisting of diabetes of type I, diabetes of type II, gestational diabetes, cystic fibrosis, polycystic ovary syndrome and pancreatitis.
- 31. The method according to claim 29, wherein the glycaemic-related disease is selected from the group consisting of diabetes of type I and diabetes of type II.

- 32. Use of the derivative of any one of claims 1 to 15, for the preparation of a medicament for the treatment of a glycaemic-related disease or disorder.
- 33. The use as claimed in claim 32, wherein said glycaemic-related disease is selected from the group consisting of diabetes of type I, diabetes of type II, gestational diabetes, cystic fibrosis, polycystic ovary syndrome and pancreatitis.
- 34. The use as claimed in claim 32, wherein the glycaemic-related disease is selected from the group consisting of diabetes of type I and diabetes of type II.
- 35. Use of the conjugate of any one of claims 16 to 20, for the preparation of a medicament for the treatment of a glycaemic-related disease or disorder.
- 36. The use as claimed in claim 35, wherein said glycaemic-related disease is selected from the group consisting of diabetes of type I, diabetes of type II, gestational diabetes, cystic fibrosis, polycystic ovary syndrome and pancreatitis.
- 37. The use as claimed in claim 36, wherein the glycaemic-related disease is selected from the group consisting of diabetes of type I and diabetes of type II.